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# SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE  
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Cane sugar refiners' stocks continued to decline and as of August 29, 1964, totaled 716,000 tons or a decrease of 661,000 tons from the high level of stocks at the end of 1963. The reduction in quota stocks was about 90,000 less than the 661,000 tons, representing over-quota mainland cane sugar held by refiners at the beginning of the year that has since been charged to this year's quota.

Deliveries for U. S. consumption by cane sugar refiners during January-August 1964 totaled 4,304,000 tons or 323,000 tons less than last year during this same period. Receipts of quota sugar by refiners during January-August 1964, including over-quota mainland cane sugar, were about 905,000 tons below that of last year during the same months.

Beet sugar deliveries during August were 323,000 tons and for January-August 1964 totaled 1,806,000 tons or 133,000 tons more than during the same period last year. Production of beet sugar during the first eight months of this year was about 1,230,000 tons of which 130,000 tons was sugar produced from the 1964 crop. Beet sugar production during January-August 1963 totaled 885,000 tons.

As of August 31, 1964 beet sugar processors had stocks of about 450,000 tons. Production from new crop sugar during September should be approximately 150,000 tons or a total supply of 600,000 tons of sugar. Heavy production from the 1964 crop begins in October.

At the beginning of 1964, the effective inventory of the mainland cane area was 429,000 tons of sugar. By the end of August, 410,000 tons had been marketed leaving a balance of 19,000 tons of old crop sugar available for marketing. Sugar production from the 1964 crop begins in October in Louisiana and in November in Florida.

The Department's September issue of Crop Production indicates an increase in sugarbeet production and cane sugar production in Florida over those reported in August.

Sugarbeet production from the 1964 crop was indicated at 24,834,000 tons or 6.3 percent greater than last year's record crop. Acres planted in 1964 increased 18 percent but yield per acre was estimated at 17.7 tons per acre in 1964 as compared with 18.9 tons from the 1963 crop.

Sugar cane production from the 1964 mainland crop was estimated at 17,091,000 tons or 23.5 percent above the record 1963 crop. Acres to be harvested are indicated to be 19.6 percent above those in 1963. Louisiana is now expected to have about the same yield of cane per acre with Florida yields in 1964 expected to be 33 tons as compared to 31 tons in 1963.



ADMINISTRATIVE ACTIONSDate announcedNature of action

August 13,  
1964

Establishes import fees applicable to foreign sugar to be subsequently authorized or approved for importation during 1964 as follows:

1. 1.00 cent per pound on global quota raw sugar.
2. 0.30 cent per pound on basic quota raw sugar and prorations or allocations of quota deficits.
3. 0.60 cent per pound on direct-consumption sugar.

Sugar imported within the basic quota of 1,050,000 tons established for the Republic of the Philippines is not subject to the payment of an import fee.

All global quota sugar presently released has previously been authorized or approved for importation and accordingly is not subject to the import fee.

The fees and the procedural requirements for paying such fees are established in an amendment to Sugar Regulation 811 which became effective at 3 o'clock today, Aug. 13, when filed with the Federal Register. (See August 15, 1964 Federal Register).

August 11,  
1964

Determination of sugar commercially recoverable from the 1964 crop of sugarbeets. (See August 11, August 19, 1964 Federal Registers).

<u>Date announced</u>	<u>Nature of action</u>
August 15, 1964	Local producing areas in 8 states designated as eligible for prevented acreage credit with respect to the 1963 crop of sugarbeets. (See August 15, 1964 Federal Register).
August 20, 1964	Amendment 1 to Sugar Determination 862.4, effective April 24, 1964, relates to record keeping for compliance of fair and reasonable wage rate under the Sugar Act of 1948 as amended. (See August 20, 1964 Federal Register).
August 28, 1964	<p>Announced that importers may use Set-Aside agreements to reserve Philippine quota for the importation of direct-consumption sugar.</p> <p>This action, requested by the Philippine Government, was implemented by an amendment to Sugar Regulation 817 which became effective today, Aug. 28, when filed with the Federal Register. (See September 1, 1964 Federal Register).</p>
September 11, 1964	Consolidation of commitments in effect under the National Sugarbeet Acreage Reserve program; clarification of eligibility of farms and farm operators for acreage reserve and of protection of acreages in event of restrictions. (See September 11, 1964 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. August 1964 sugar deliveries for continental U. S. consumption 969,000 short tons, raw value (preliminary), down about 5,000 tons from July 1964 but up 52,000 tons from August 1963. January-August 1964 deliveries 6,279,000 short tons, raw value (preliminary), down about 197,000 tons from January-August 1963. Final data for July 1964 deliveries 974,000 short tons, raw value - same as previously published preliminary.

2. Primary distributors' stocks August 29, 1964 were 1,231,523 short tons, raw value (preliminary), down 41,000 tons from a year ago, and down 262,000 tons from end July 1964. During August refiners' stocks decreased by 66,000 tons, beet processors' stocks by 190,000 tons, and mainland cane processors' stocks by 9,000 tons; importers of direct consumption sugar stocks increased by about 4,000 tons.

3. Charges to 1964 quotas through August 31, 1964 were 6,904,241 short tons, raw value, leaving a balance of 2,896,423 tons to be supplied within the 9,800,000 ton total.

4. Regionally, January-July deliveries, 1964 as compared to 1963 were down to all 5 regions: North Central 7.2 percent, Middle Atlantic 4.3 percent, South 3.3 percent, New England 3.2 percent, and West 1.7 percent.

5. Second quarter 1964 sugar deliveries were smaller to six of the seven industrial user groups than for the same 1963 quarter, but were larger to two of the four non-industrial user groups. To industrial buyers the national decrease was 6.1 percent but deliveries to non-industrial users increased by 0.1 percent. Corn refiners' total domestic shipments of corn sirup and dextrose were up by about 3 percent.



Table 1.- Sugar supply and disposition by primary distributors, January-July 1964

(short tons, raw value)

Item	Beet proc- essors	Importers	Main- land cane proc- essors	Refiners	Net total
	(1)	(2)	(3)	Raw (4) : Refined (5)	(6)
SUPPLY					
1. <u>Inventory Jan.1, 1964</u>	1,025,166	42,557	45,258	1,027,256 <sup>2/</sup>	349,639 <sup>2/</sup> 2,489,876
2. <u>Production and movement</u>					
a. Received as direct- consumption sugar	0	107,884	0	0	487 108,371
b. Produced from beets or cane	1,118,166	0	282,773	6,186	1,250)
Less deliveries to refiners	0	0	279,561	0	0) 1,128,814 <sup>3/</sup>
c. Receipts of raws by refiners	0	0	0	3,128,909 <sup>4/</sup>	0) -583,233 <sup>5/</sup>
Less raws melted	0	0	0	3,712,142	0)
d. Refined from raws melted	0	0	0	0	3,669,824 3,669,824
e. Adjustments	-368	-1,453	-444	-1,286	+928 -2,623
f. Sub-total	1,117,798	106,431	2,768	-578,333	3,672,489 4,321,153
3. Net total supply	2,142,964	148,988	48,026	448,923	4,022,128 6,811,029
DISPOSITION					
4. <u>Distribution for</u>					
a. Quota purposes	1,482,907	116,356	29,065	5,661	3,675,532 5,309,521
b. Export	0	0	0	0	7,849 7,849
c. Livestock feed	562	0	0	0	0 562
d. Sub-total	1,483,469	116,356	29,065	5,661	3,683,381 5,317,932
5. <u>Inventory July 31, 1964</u>	659,495	32,632	18,961	443,262 <sup>6/</sup>	338,747 <sup>6/</sup> 1,493,097
6. <u>Total distribution and inventory</u>	2,142,964	148,988	48,026	448,923	4,022,128 6,811,029

1/ Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners. 2/ Includes mainland cane sugar not charged to quota: Raws: 62,767; Refined, 32,388; Total, 95,155. 3/ Production less deliveries of raw sugar to refiners. 4/ Includes 278,394 tons received from mainland cane processors. 5/ Receipts of raw sugar by refiners less melt. 6/ Includes mainland cane sugar not charged to quota: Raws, 13,375; Refined, 3,380; Total, 16,755.

Table 2.- Receipts of quota-exempt and over-quota sugar included in Table 8.

Purpose	Refiners	Importers	Total
	1964 : 1963	1964 : 1963	1964 : 1963
Short tons, raw value			
For: Export	232 10,967	487 0	719 10,967
Livestock feed	0 0	1,191 15,124	1,191 15,124
Later release:			
Bonded	0 0	0 0	0 0
In customs custody	0 0	11 0	11 0
Total	232 10,967	1,689 15,124	1,921 26,091



Table 3.- Distribution of sugar by primary distributors, January-July 1964 and 1963

Item	1964	1963	Change 1963 to 1964
Short tons, raw value			
<u>Continental United States</u>			
Refiners' raw	5,661	8,534	- 2,873
Refiners' refined	3,683,381	4,023,564	-340,183
Sub-total	3,689,042	4,032,098	-343,056
Beet processors' refined	1,483,469	1,399,371	+ 84,098
Importers' direct consumption	116,356	131,593	- 15,237
Mainland sugarcane processors'	29,065	23,028	+ 6,037
Total	5,317,932	5,586,090	-268,158
For: Export	7,849	21,295	- 13,446
Livestock feed <sup>1/</sup>	562	6,409	- 5,847
Continental consumption	5,309,521	5,558,386	-248,865
<u>Puerto Rico</u>	n.a.	67,735	
<u>Hawaii</u>	26,302	28,273	- 1,971

<sup>1/</sup> Includes deliveries for United States military forces at home and abroad.

Table 4.- Stocks of sugar held by primary distributors in the continental United States, July 31, 1964 and 1963

Item	1964	1963	Change 1963 to 1964
Short tons, raw value			
Refiners' raw	443,262	523,402	- 80,140
Refiners' refined	338,747	332,197	+ 6,550
Sub-total <sup>1/</sup>	782,009	855,599	- 73,590
Beet processors' refined	659,495	609,995	+ 49,500
Importers' direct consumption	32,632	36,978	- 4,346
Mainland sugarcane processors'	18,961	1,624	+ 17,337
Total	1,493,097	1,504,196	- 11,099

<sup>1/</sup> Included mainland cane sugar not charged to quota: 1964 - Raws, 13,375; Refined, 3,380; Total, 16,755; 1963 - Raws, 0; Refined, 5,139; Total, 5,139.

Table 5. - Distribution of sugar by primary distributors in the continental United States, August and January-August 1964 and 1963

Item	1964 <sup>1/</sup> August	1963 Jan.-August	1964 <sup>1/</sup> August	1963 Jan.-August
Short tons, raw value				
Refiners	622,346	4,311,388	622,161	4,654,259
Beet processors' refined	323,367	1,806,836	273,722	1,673,093
Importers' direct consumption	22,668 <sup>2/</sup>	139,024	24,606	156,199
Mainland sugarcane processors'	1,000 <sup>2/</sup>	30,065	838	23,866
Total	969,381	6,287,313	921,327	6,507,417
For: Export	n.a.	7,849	3,865	25,160
Livestock feed	n.a.	562	23	6,432
Continental consumption <sup>3/</sup>	969,381	6,278,902	917,439	6,475,825

<sup>1/</sup> Preliminary. <sup>2/</sup> Estimated. <sup>3/</sup> Includes deliveries for U. S. military forces at home and abroad.

Table 6.- Stocks of sugar held by primary distributors in the continental United States, August 29, 1964 and August 31, 1963

Item	1964 <sup>1/</sup>	1963	Change 1963 to 1964
Short tons, raw value			
Refiners' raw	394,704	478,230	- 83,526
Refiners' refined	321,099	328,431	- 7,332
Sub-total	715,803	806,661	- 90,858
Beet processors' refined	469,263	433,973	+ 35,290
Importers' direct consumption	36,457 <sup>2/</sup>	31,402	+ 5,055
Mainland sugarcane processors'	10,000 <sup>2/</sup>	786	+ 9,214
Total	1,231,523	1,272,822	- 41,299

<sup>1/</sup> Preliminary.

<sup>2/</sup> Estimated.

Table 7.- Mainland sugar: Production and quota charges January-July 1964 and 1963

Item	1964	1963	Change 1963 to 1964
Short tons, raw value			
<u>Production</u>			
Mainland cane	288,420	253,962	+ 34,458
Domestic beet	1,117,798	640,940	+476,858
Total	1,406,218	894,902	+511,316
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors:			
For further processing	38,033	0	+38,033
For direct-consumption	4,601	8,032	- 3,431
Louisiana processor-refiners	84,491	47,604	+36,887
Florida sugarcane processors	265,992	256,691	+ 9,301
Sub-total	393,117	312,327	+80,790
Beet processors	1,482,907	1,399,371	+83,536
Total	1,876,024	1,711,698	+164,326

Table 8.- Sugar receipts of refiners and importers by sources of supply <sup>1/</sup> January-July 1964 and 1963

Table 3. Sugar receipts of refiners and importers by sources of supply January-July 1964 and 1963						
Source of supply	Raw sugar		Direct-consumption		Total	
	1964	1963	1964	1963	1964	1963
Short tons, raw value						
<u>Offshore</u>						
<u>Foreign</u>						
Argentina	13,199	76,571			13,199	76,571
Australia		52,239				52,239
Belgium		7,365				7,365
Brazil	5,657	219,692			5,657	219,692
British Honduras	6,006				6,006	
British West Indies	42,839	115,181	2		42,841	115,181
Canada				10		10
China, Republic of	79,435	51,157			79,435	51,157
Colombia		23,316				23,316
Costa Rica	28,471	28,526			28,471	28,526
Dominican Republic	255,374	389,350			255,374	389,350
Ecuador		18,338				18,338
El Salvador	13,493	18,967			13,493	18,967
Fiji Islands	14,817				14,817	
France	846	22,947	1,141	3,734	1,987	26,681
French West Indies	20,653	85,864			20,653	85,864
Germany, West				10		10
Guatemala	37,260	43,505	487 <sup>2/</sup>		37,747	43,505
Haiti	4,370	34,556			4,370	34,556
Hong Kong			10	10	10	10
India	94,100	81,950			94,100	81,950
Ireland				4,985		4,985
Japan				1		1
Mexico	402,434	314,670	10		402,444	314,670
Nicaragua	17,460	32,329			17,460	32,329
Panama	14,219	6,144	3,856	3,815	18,075	9,959
Paraguay				4,691		4,691
Peru	56,319	199,607			56,319	199,607
Philippines	551,068	652,651	20,293	20,754	571,361	673,405
Reunion		20,870				20,870
South Africa	30,420	75,423			30,420	75,423
Southern Rhodesia		5,265				5,265
Sweden			10	2	10	2
Turkey		6,586		7,010		13,596
United Kingdom			10	10	10	10
Venezuela		11,916				11,916
Total	1,688,440	2,594,985	25,819	45,032	1,714,259	2,640,017
<u>Domestic</u>						
Hawaii	641,500	596,167	0 <sup>2/</sup>	0 <sup>2/</sup>	641,500	596,167
Puerto Rico	519,058	612,368	82,552	96,194	601,610	708,562
Virgin Islands	0	5,727	0	0	0	5,727
Sub-total	1,160,558	1,214,262	82,552	96,194	1,243,110	1,310,456
Total all offshore	2,848,998	3,809,247	108,371 <sup>3/</sup>	141,226 <sup>3/</sup>	2,957,369	3,950,473
Mainland cane area	284,580	241,945	1,250 <sup>3/</sup>	0 <sup>3/</sup>	285,830	241,945
Acquired for reprocessing and samples	1,517	2,688	0	0	1,517	2,688
Grand total	3,135,095	4,053,880	109,621	141,226	3,244,716	4,195,106

<sup>1/</sup>Includes sugar as detailed in Table 2. <sup>2/</sup> Refined sugar received by refiners. <sup>3/</sup> Refined sugar produced direct from cane by processor-refiner.



Table 9.- Status of 1964 quotas and charges as of August 31, 1964

Source of supply	Quotas and prorations	Total charges	Balances	
			Direct- consumption limits	
Short tons, raw value				
Domestic beet sugar	2,698,590	1,807,000	891,590	
Mainland cane sugar	911,410	410,000	501,410	
Hawaii	1,110,000	854,776 <sup>4/</sup>	255,224	33,480
Puerto Rico	915,000 <sup>2/</sup>	656,994 <sup>3/4/</sup>	258,006	45,206
Virgin Islands	15,832	523	15,309	
Total domestic areas	5,650,832	3,729,293	1,921,539	78,686
Republic of the Philippines	1,173,521	926,516	247,005	11,282
Details for quota prorated by countries				
Argentina	20,000	13,188	6,812	
Australia	40,366	40,366		
Belgium	182	182		
Brazil	182,363	136,761	45,602	
British Honduras	974	974		
British West Indies	91,325	63,269	28,056	
China, Republic of	35,499	34,042	1,457	
Colombia	30,346	11,252	19,094	
Costa Rica	25,193	7,520	17,673	
Dominican Republic	322,096	285,484	36,612	
Ecuador	25,193	15,345	9,848	
El Salvador	10,306	9,473	833	
Fiji Islands	10,020	10,020		
French West Indies	30,346	30,161	185	
Guatemala	20,326	12,554	7,772	
Haiti	20,326	6,776	13,550	
India	20,326	19,926	400	
Ireland	10,000		10,000	10,000
Mexico	192,096	191,966	130	
Nicaragua	25,193	20,768	4,425	
Panama	8,832	8,832		
Peru	192,096	191,743	353	
South Africa	20,326		20,326	
Western Hemisphere Deficits	138,056	138,720		
Global quota: Authorized for purchase	1,000,000	999,110	890	
For later authorization	503,861		503,861	
Total foreign countries (including Philippines)	4,149,168	3,174,948	974,884	21,282
Grand total	9,800,000	6,904,241	2,896,423	99,968

<sup>1/</sup> Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered, authorized for entry or set aside as of August 31, 1964.

<sup>2/</sup> Despite deficits declared, the quotas of 1,140,000 remains available.

<sup>3/</sup> In addition, 335 tons of raw sugar were brought in for subsequent return to Puerto Rico.

<sup>4/</sup> Includes raw sugar for direct-consumption: Hawaii, 36 tons; Puerto Rico, 4,903 tons.



Table 10-Foreign countries charges January 1, 1964 - August 31, 1964

Source of supply	Basic	Global	Deficit	Total
Short tons, raw value				
Republic of the Philippines	924,186	46,265	2,330	972,781
Argentina	13,188			13,188
Australia	40,366	175,000		215,366
Belgium	182			182
Brazil	136,761			136,761
British Honduras	974	5,014		5,988
British West Indies	63,269	51,499		114,768
China, Republic of	34,042	47,114		81,156
Colombia	11,252			11,252
Costa Rica	7,520	35,400	12,200	55,120
Dominican Republic	285,484	20,973	48,793	355,250
Ecuador	15,345	30,200		45,545
El Salvador	9,473	10,245		19,718
Fiji Islands	10,020	44,889		54,909
France		845		845
French West Indies	30,161	4,113		34,274
Guatemala	12,554	19,631	5,066	37,251
Haiti	6,776			6,776
India	19,926	91,467		111,393
Madagascar		11,550		11,550
Mexico	191,966	224,599	63,339	479,904
Nicaragua	20,768	25,261		46,029
Panama	8,832	10,499		19,331
Peru	191,743	32,965	9,322	234,030
South Africa		100,981		100,981
Southern Rhodesia		10,600		10,600
Total	2,034,788	999,110	141,050	3,174,948

In addition to quantities shown, there is in Custom's custody: Hong Kong, 11 tons.

Table 11.- Quota-exempt sugar <sup>1/</sup> entered under Sections 211(a) and 212(4) as of August 31, 1964

Country	For	Sugar under bond	Total
	Reexport	Feed for refining	
Short tons, raw value			
France		1,141	1,141
Guatemala	487		487
Panama		50	50
Venezuela	1,168	1,411	2,579
Total	1,655	2,602	4,257

<sup>1/</sup> In addition a total of 271 tons were entered under provisions of Sec. 212; first 10 tons 170, and liquid sugar in small containers, 101 tons.

Table 12. - Primary distribution of sugar, continental United States, by States, July 1964

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
<b>New England</b>					
Connecticut	110,356	2,010	3,500	250	116,116
Maine	61,641		400		62,041
Massachusetts	378,307	7,400	16,880	400	402,987
New Hampshire	37,841				37,841
Rhode Island	39,151		1,882		41,033
Vermont	19,320	1,865			21,185
Sub-total	646,616	11,275	22,662	650	681,203
<b>Mid-Atlantic</b>					
New Jersey	632,983	9,840	96,119		738,942
New York	1,319,301	60,947	123,358		1,503,606
Pennsylvania	1,042,973	37,856	89,928		1,170,757
Sub-total	2,995,257	108,643	309,405		3,413,305
<b>North Central</b>					
Illinois	768,928	1,032,327		500	1,801,755
Indiana	359,472	216,331		800	576,603
Iowa	44,806	177,705			222,511
Kansas	50,653	100,143		600	151,396
Michigan	264,260	504,477			768,737
Minnesota	37,020	243,181		1,000	281,201
Missouri	280,230	226,348		800	507,378
Nebraska	27,219	114,466		1,000	142,685
North Dakota	222	38,810			39,032
Ohio	548,731	241,109	720		790,560
South Dakota	879	41,555			42,434
Wisconsin	117,939	218,884			336,823
Sub-total	2,500,359	3,155,336	720	4,700	5,661,115
<b>Southern</b>					
Alabama	282,045				282,045
Arkansas	103,446	20,375		400	124,221
Delaware	79,308		1,270		80,578
District of Columbia	27,011		3,700		30,711
Florida	245,255		48,335	27,533	321,123
Georgia	548,761				548,761
Kentucky	311,955	5,000		4,000	320,955
Louisiana	355,572			742	356,314
Maryland	429,593		40,124		469,717
Mississippi	153,557			615	154,172
North Carolina	416,793		7,270	1,000	425,063
Oklahoma	127,700	40,349			168,049
South Carolina	170,930		1,670		172,600
Tennessee	393,724	-91			393,633
Texas	700,947	161,833		100	862,880
Virginia	263,136		21,085	2,000	286,221
West Virginia	121,878	1,340	690		123,908
Sub-total	4,731,611	228,806	124,144	36,390	5,120,951
<b>Western</b>					
Alaska	3,374	2,893			6,267
Arizona	36,816	24,668			61,484
California	756,662	1,385,421	60,410		2,202,493
Colorado	7,561	129,193			136,754
Idaho	7,627	36,448			44,075
Montana	3,276	37,845			41,121
Nevada	6,856	5,374			12,230
New Mexico	10,106	20,216			30,322
Oregon	78,404	282,209			360,613
Utah	6,179	72,546			78,725
Washington	71,495	274,916			346,411
Wyoming	429	9,938			10,367
Sub-total	988,785	2,281,667	60,410		3,330,862
<b>Grand total</b>	<b>11,862,628</b>	<b>5,785,727</b>	<b>517,341</b>	<b>41,740</b>	<b>18,207,436</b>

<sup>1/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13. - Primary distribution of sugar, continental United States, by States, January-July 1964

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
<b>New England</b>					
Connecticut	670,221	13,637	13,430	950	698,238
Maine	347,090	6,763	400		354,253
Massachusetts	2,789,181	61,755	86,929	1,200	2,939,065
New Hampshire	211,536				211,536
Rhode Island	267,494		10,712		278,206
Vermont	101,499	49,313			150,812
Sub-total	4,387,021	131,468	111,471	2,150	4,632,110
<b>Mid-Atlantic</b>					
New Jersey	4,107,190	136,309	472,048	2,000	4,717,547
New York	8,781,260	517,216	474,968		9,773,444
Pennsylvania	6,347,804	378,000	412,668		7,138,472
Sub-total	19,236,254	1,031,525	1,359,684	2,000	21,629,463
<b>North Central</b>					
Illinois	4,716,427	5,758,728		7,000	10,482,155
Indiana	1,932,435	1,016,670		2,000	2,951,105
Iowa	282,559	890,049		7,900	1,180,508
Kansas	248,515	468,797		2,400	719,712
Michigan	1,496,570	2,164,826			3,661,396
Minnesota	217,724	1,050,162		4,000	1,271,886
Missouri	1,483,256	1,110,286		11,760	2,605,302
Nebraska	163,310	542,483		5,200	710,993
North Dakota	1,027	181,139			182,166
Ohio	3,198,117	1,382,718	1,120	2,000	4,583,955
South Dakota	14,769	168,905			183,674
Wisconsin	657,360	1,175,964		4,400	1,837,724
Sub-total	14,412,069	15,910,727	1,120	46,660	30,370,576
<b>Southern</b>					
Alabama	1,533,484				1,533,484
Arkansas	601,207	63,313		2,451	666,971
Delaware	401,455		4,660		406,115
District of Columbia	176,580		10,728		187,308
Florida	1,762,975		177,061	453,969	2,394,005
Georgia	3,293,614		220		3,293,834
Kentucky	1,404,640	41,556		9,800	1,455,996
Louisiana	2,014,920			5,852	2,020,772
Maryland	2,419,580	34,890	196,217		2,650,687
Mississippi	917,739			5,020	922,759
North Carolina	2,216,913		44,822	4,800	2,266,535
Oklahoma	653,334	217,488		405	871,227
South Carolina	875,990		5,411		881,401
Tennessee	2,125,757	1,679		650	2,128,086
Texas	3,921,381	1,039,437	6,643	1,540	4,969,001
Virginia	1,454,197	19,600	109,168	5,000	5,587,965
West Virginia	507,681	8,327	3,940		519,948
Sub-total	26,281,447	1,426,290	558,870	489,487	28,756,094
<b>Western</b>					
Alaska	22,831	10,938			33,769
Arizona	246,357	153,063			399,420
California	3,673,983	5,895,392	93,142	1,000	9,663,517
Colorado	50,702	574,709		800	626,211
Idaho	28,527	162,075			190,602
Montana	16,281	164,964			181,245
Nevada	39,727	29,731			69,458
New Mexico	52,075	101,450			153,525
Oregon	347,590	759,548	25,166		1,132,304
Utah	45,638	338,630		400	384,668
Washington	366,523	983,727	24,277		1,374,527
Wyoming	3,052	43,267			46,319
Sub-total	4,893,286	9,217,494	142,585	2,200	14,255,565
<b>Grand total</b>	<b>69,210,077</b>	<b>27,717,504</b>	<b>2,173,730</b>	<b>542,497</b>	<b>99,643,808</b>

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 14. - Primary distribution of sugar, continental United States, by states, January-July 1964 and 1963

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors <sup>1/</sup>	
	1964	1963	1964	1963	1964	1963
Thousands of hundredweights <sup>2/</sup>						
<u>New England</u>						
Connecticut	670	755	14		698	762
Maine	347	381	7		354	381
Massachusetts	2,789	2,966	62		2,939	2,992
New Hampshire	212	216			212	216
Rhode Island	267	266			278	288
Vermont	102	147	49		151	147
Sub-total	4,387	4,731	132		4,632	4,786
<u>Mid-Atlantic</u>						
New Jersey	4,107	4,698	136	7	4,718	5,096
New York	8,781	9,728	517	110	9,773	10,252
Pennsylvania	6,348	6,501	378	197	7,138	7,252
Sub-total	19,236	20,927	1,031	314	21,629	22,600
<u>North Central</u>						
Illinois	4,716	5,302	5,759	5,902	10,482	11,273
Indiana	1,932	2,134	1,017	906	2,951	3,041
Iowa	283	389	890	918	1,181	1,323
Kansas	249	257	469	540	720	800
Michigan	1,497	1,901	2,165	1,904	3,662	3,805
Minnesota	218	273	1,050	1,152	1,272	1,426
Missouri	1,483	1,800	1,110	1,043	2,605	2,852
Nebraska	163	140	542	743	711	886
North Dakota	1	1	181	199	182	200
Ohio	3,198	4,106	1,383	632	4,584	4,747
South Dakota	15	17	169	222	184	239
Wisconsin	657	893	1,176	1,226	1,837	2,123
Sub-total	14,412	17,213	15,911	15,387	30,371	32,715
<u>Southern</u>						
Alabama	1,533	1,599			1,533	1,601
Arkansas	601	696	63	27	667	725
Delaware	401	127			406	131
District of Columbia	177	224			187	243
Florida	1,763	1,880			2,394	2,411
Georgia	3,294	3,485			3,294	3,497
Kentucky	1,405	1,509	42		1,456	1,509
Louisiana	2,015	2,091			2,021	2,119
Maryland	2,420	2,272	35	1	2,651	2,428
Mississippi	918	922			923	927
North Carolina	2,217	2,365			2,267	2,431
Oklahoma	653	808	217	177	871	985
South Carolina	876	1,022			881	1,030
Tennessee	2,126	2,177	2		2,128	2,209
Texas	3,921	4,288	1,039	912	4,969	5,268
Virginia	1,454	1,555	20	16	1,588	1,735
West Virginia	508	465	8	5	520	483
Sub-total	26,282	27,485	1,426	1,138	28,756	29,732
<u>Western</u>						
Alaska	23	24	11	9	34	33
Arizona	246	257	153	157	399	414
California	3,674	3,804	5,895	5,752	9,663	9,656
Colorado	51	57	575	728	626	785
Idaho	28	31	162	170	191	201
Montana	16	15	165	194	181	209
Nevada	40	43	30	35	70	78
New Mexico	52	53	101	111	154	164
Oregon	348	322	760	715	1,132	1,066
Utah	46	43	339	371	385	415
Washington	366	357	984	1,028	1,375	1,425
Wyoming	3	4	43	49	46	53
Sub-total	4,893	5,010	9,218	9,319	14,256	14,499
<u>Grand total</u>	69,210	75,366	27,718	26,158	99,644	104,332

<sup>1/</sup> Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 15.- Sugar deliveries, by type of product or business of buyer and by type of sugar, second quarter 1964 <sup>1/</sup>

Product or business of buyer	:	:	:	:	:	Liquid sugar	
	:	Beet	Cane	Imported	Total	included in totals	
	:	(Total	(Total)	D.C.	All sugar	:	:
	:	:	:	(Total)	:	Beet	Cane
Hundredweights <sup>2/</sup>							
<u>Industrial</u>							
Bakery, cereal and allied products		1,825,792	3,339,035	111,827	5,276,654	45,109	526,942
Confectionery and related products		1,057,309	3,016,590	120,875	4,194,774	32,694	693,666
Ice cream and dairy products		920,754	1,460,874	71,354	2,452,982	352,330	1,135,223
Beverages		1,799,822	5,898,570	66,825	7,765,217	631,033	3,775,070
Canned, bottled, frozen foods, jams, jellies and preserves		1,444,399	1,625,052	186,070	3,255,521	213,483	694,328
Multiple and all other food uses		784,672	930,713	29,159	1,744,544	22,826	159,822
Non-food products		<u>41,589</u>	<u>257,990</u>	<u>7,793</u>	<u>307,372</u>	<u>1,365</u>	<u>133,647</u>
Sub-total		7,874,337	16,528,824	593,903	24,997,064	1,298,840	7,128,698
<u>Non-industrial</u>							
Hotels, restaurants, institutions		17,339	288,024	4,400	309,763	1,228	17,119
Wholesale grocers, jobbers, sugar dealers		2,868,893	8,983,393	304,871	12,157,157	47,113	39,352
Retail grocers, chain stores, super markets		1,445,376	4,647,303	56,776	6,149,455	27,682	24,290
All other deliveries, including deliveries to Government agencies		<u>193,774</u>	<u>367,745</u>	<u>0</u>	<u>561,519</u>	<u>3,352</u>	<u>120</u>
Sub-total		4,525,382	14,286,465	366,047	19,177,894	79,375	80,881
TOTAL DELIVERIES		12,399,719	30,815,289	959,950	44,174,958	1,378,215	7,209,579
Deliveries in consumer-size packages (less than 50 lbs.)		2,608,684	11,216,836	38,675	13,864,195		
Deliveries in bulk (unpackaged)		4,613,277	5,306,578	0	9,919,855		

<sup>1/</sup> Represents approximately 97.4 percent of deliveries by primary distributors in continental United States.

<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 16.- Sugar deliveries, by type of product or business of buyer, second quarter 1964 and percentage change from second quarter 1963

Product or business of buyer	: United States	: New England	: Middle Atlantic	: North Central	: South	: West
<u>Hundredweights 1/</u>						
<u>Industrial</u>						
Bakery, cereal and allied products	5,276,654	138,323	1,173,871	2,355,148	1,106,626	502,686
Confectionery and related products	4,194,774	306,890	1,974,900	1,257,326	359,592	296,066
Ice cream and dairy products	2,452,982	114,894	586,266	781,628	629,033	341,161
Beverages	7,765,217	312,657	1,682,465	2,004,948	2,881,614	883,533
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	3,255,521	189,615	661,645	889,743	691,084	823,434
Multiple and all other food uses	1,744,544	54,717	375,321	857,896	131,390	325,220
Non-food products	<u>307,372</u>	<u>12,766</u>	<u>83,943</u>	<u>76,316</u>	<u>131,739</u>	<u>2,608</u>
Sub-total	24,997,064	1,129,862	6,538,411	8,223,005	5,931,078	3,174,708
<u>Non-industrial</u>						
Hotels, restaurants, institutions	309,763	25,294	54,263	40,423	80,352	109,431
Wholesale grocers, jobbers, sugar dealers	12,157,157	547,783	1,825,174	4,006,899	4,279,678	1,497,623
Retail grocers, chain stores, super markets	6,149,455	350,076	1,211,627	1,797,528	2,103,906	686,318
All other deliveries, including deliveries to Government agencies	<u>561,519</u>	<u>15,097</u>	<u>100,024</u>	<u>159,371</u>	<u>156,459</u>	<u>130,568</u>
Sub-total	19,177,894	938,250	3,191,088	6,004,221	6,620,395	2,423,940
TOTAL DELIVERIES	44,174,958	2,068,112	9,729,499	14,227,226	12,551,473	5,598,648
<u>Percentage change from second quarter 1963</u>						
<u>Industrial</u>						
Bakery, cereal and allied products	- 9.9	-13.6	-19.1	- 5.7	+12.3	-34.4
Confectionery and related products	- 6.3	- 7.1	- 5.0	+ 4.4	-14.3	-33.3
Ice cream and dairy products	- 1.3	- 4.3	+12.8	+ 0.8	-10.0	- 8.1
Beverages	- 5.8	+ 9.0	- 2.0	- 5.9	- 8.3	- 8.4
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	-15.2	- 7.2	+ 4.1	-13.9	-11.0	-30.8
Multiple and all other food uses	+27.4	- 2.3	- 2.3	+144.9	-15.3	-23.3
Non-food products	<u>-10.7</u>	<u>+58.5</u>	<u>-14.6</u>	<u>-21.0</u>	<u>- 4.0</u>	<u>-36.1</u>
Sub-total	- 6.1	- 3.1	- 5.0	+ 1.7	- 6.1	-23.8
<u>Non-industrial</u>						
Hotels, restaurants, institutions	- 5.5	- 5.4	- 4.4	-11.7	+11.7	-13.6
Wholesale grocers, jobbers, sugar dealers	- 0.6	+ 3.0	+15.2	- 7.5	+ 3.7	- 9.4
Retail grocers, chain stores, super markets	+ 1.4	+ 6.7	+ 7.3	- 6.7	+ 6.4	- 2.9
All other deliveries, in- cluding deliveries to Government agencies	<u>+ 6.4</u>	<u>+44.1</u>	<u>-15.3</u>	<u>+70.6</u>	<u>+25.7</u>	<u>-28.0</u>
Sub-total	+ 0.1	+ 4.6	+10.5	- 6.2	+ 5.1	- 9.1
TOTAL	- 3.5	+ 0.3	- 0.4	- 1.8	- 0.5	-18.0

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 17.-Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) second quarter 1964

Area	Cane sugar	Beet sugar	Total
Hundredweights <sup>1/</sup>			
United States	11,255,511	2,608,684	13,864,195
New England	633,362	2,200	635,562
Middle Atlantic	2,130,654	36,866	2,167,520
North Central and West, Combined <sup>2/</sup>	3,196,523	2,501,556	5,698,079
South	5,294,972	68,062	5,363,034

<sup>1/</sup> Reported as produced or imported and delivered.<sup>2/</sup> Combined to avoid disclosure of individual company data. Total distribution in consumer-size packages in these areas: North Central, 3,890,849; West, 1,807,230.

Table 18.- Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during first half 1964 and 1963 with comparisons

First half year	Region						U.S. total	Type of sugar	
	New England	Middle Atlantic	South	North Central	West			Beet	Cane
1,000 hundredweights <sup>1/</sup>									
(1) Total direct deliveries									
1964	3,948	18,094	22,116	24,227	10,927	79,312	21,938	57,374	
1963	4,217	19,406	23,911	27,535	11,967	87,036	22,302	64,734	
Change	-269	-1,312	-1,795	-3,308	-1,040	-7,724	-364	-7,360	
(2) Consumer-size packages (granulated, less than 50 lbs.)									
1964	1,317	4,103	9,273	6,505	3,232	24,430	4,139	20,291	
1963	1,372	4,334	9,583	7,482	3,533	26,304	4,435	21,869	
Change	-55	-231	-310	-977	-301	-1,874	-296	-1,578	
(3) Other deliveries, industrial and institutional									
1964	2,631	13,991	12,843	17,722	7,695	54,882	17,799	37,083	
1963	2,845	15,072	14,328	20,053	8,434	60,732	17,867	42,865	
Change	-214	-1,081	-1,485	-2,331	-739	-5,850	-68	-5,782	
(3a) Bulk granulated									
1964	462	4,043	3,046	7,111	2,610	17,272	7,697	9,575	
1963	427	4,432	2,214	6,830	2,649	16,552	6,685	9,867	
Change	+35	-389	+832	+281	-39	+720	+1,012	-292	
(b) Liquid sugar									
1964	948	5,263	3,210	3,550	2,024	14,995	2,335	12,660	
1963	1,111	5,521	3,012	3,660	1,961	15,265	1,994	13,271	
Change	-163	-258	+198	-110	+63	-270	+341	-611	
(c) Industrial and institutional packages (granulated 50 lbs. and over)									
1964	1,221	4,685	6,587	7,061	3,061	22,615	7,767	14,848	
1963	1,307	5,119	9,102	9,563	3,824	28,915	9,188	19,727	
Change	-86	-434	-2,515	-2,502	-763	-6,300	-1,421	-4,879	

<sup>1/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 19.-Dextrose sales, by type of product or business of buyer, second quarter 1964 and percentage change from second quarter 1963.

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	1,336,562	57,352	225,006	548,362	296,554	209,288
Confectionery and related products	221,695	1,502	100,465	94,158	19,100	6,470
Ice cream and dairy products	36,491	1,261	10,264	11,332	7,117	6,517
Beverages	219,012	1,647	99,944	79,230	26,288	11,903
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	169,932	4,512	24,729	52,101	61,224	27,366
Multiple and all other food uses	192,540	3,870	27,040	92,066	34,565	34,999
Non-food products	<u>365,140</u>	<u>97,306</u>	<u>126,530</u>	<u>71,288</u>	<u>57,346</u>	<u>12,670</u>
Sub-total	2,541,372	167,450	613,978	948,537	502,194	309,213
<u>Non-industrial</u>						
Wholesale grocers, jobbers, sugar dealers, retail grocers, chain stores, super markets	87,641	357	1,797	71,258	1,581	12,648
All other deliveries, including deliveries to Government agencies	<u>17,147</u>	<u>1,574</u>	<u>2,178</u>	<u>7,415</u>	<u>1,662</u>	<u>4,318</u>
Sub-total	104,788	1,931	3,975	78,673	3,243	16,966
TOTAL SALES	2,646,160	169,381	617,953	1,027,210	505,437	326,179

## Percentage change from second quarter 1963

<u>Industrial</u>						
Bakery, cereal and allied products	- 2.0	-10.3	- 6.7	- 0.6	- 7.9	+12.8
Confectionery and related products	+37.8	- 6.8	+22.5	+96.3	+15.4	-49.1
Ice cream and dairy products	-28.7	-36.2	-26.8	-32.6	-42.6	+ 8.4
Beverages	+ 3.5	- 6.8	- 3.7	+ 8.3	+42.9	-18.1
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+15.9	+492.9	+ 0.9	- 9.6	+18.5	+126.4
Multiple and all other food uses	+ 6.6	-14.7	-48.2	+34.5	- 0.2	+68.9
Non-food products	<u>+ 7.5</u>	<u>+33.5</u>	<u>+23.5</u>	<u>- 7.4</u>	<u>-21.3</u>	<u>-11.7</u>
Sub-total	+ 3.5	+13.5	- 1.0	+ 6.3	- 5.0	+16.3
<u>Non-industrial</u>						
Wholesale grocers, jobbers, sugar dealers, retail grocers, chain stores, super markets	- 3.5	-72.9	-49.4	+ 2.8	-69.4	+10.0
All other deliveries, including deliveries to Government agencies	<u>-26.6</u>	<u>-82.6</u>	<u>-67.4</u>	<u>+327.6</u>	<u>-38.9</u>	<u>+36.9</u>
Sub-total	- 8.2	-81.4	-61.1	+10.8	-58.8	+15.8
Total	+ 3.0	+ 7.3	- 2.0	+ 6.6	- 5.8	+16.2

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

Table 20.- Corn refiners' shipments, by type of buyer, second quarter 1964 and 1963

Type of buyer	Corn sirup unmixed		Dextrose		All corn sweeteners	
	1964	1963	1964	1963	1964	1963
	Thousand hundredweights, dry basis					
Baking industry	959	765	1,090	1,104	2,049	1,869
Confectioners	1,759	1,923	204	148	1,963	2,071
Ice cream and other dairy products	705	595	34	47	739	643
Breweries and fountain sirups	315	309	56	47	372	356
Canners, packers, jams, jellies, preserves	613	601	142	109	755	711
Miscellaneous food industries including sugar refiners	385	367	484	482	869	849
Sirup mixers <sup>1/</sup>	170	185	8	13	178	198
Non-food uses	134	143	346	334	479	478
Jobbers, etc.	<u>22</u>	<u>25</u>	<u>81</u>	<u>86</u>	<u>102</u>	<u>111</u>
Sub-total <sup>2/</sup>	5,062	4,914	2,444	2,371	7,506	7,285
Used in mixed sirups	318	316	-	-	318	316
Corn sirup solids and miscellaneous corn sweeteners <sup>3/</sup>	291	286	-	-	291	286
Total domestic <sup>2/</sup>	5,671	5,517	2,444	2,371	8,115	7,888
Export	54	48	51	92	106	140
Grand total <sup>2/</sup> (domestic & export)	5,725	5,565	2,496	2,463	8,221	8,028
Bulk blends <sup>4/</sup>	308	289	-	-	308	289

<sup>1/</sup> Sirup mixers outside of the corn refining industry, except cane sugar refiners and beet sugar processors; the latter two are included with "Miscellaneous food industries."

<sup>2/</sup> Due to rounding, totals may not be exact sums of individual items.

<sup>3/</sup> According to the Census of Manufactures 1958, shipments of corn sirup solids were 63.7 percent of total shipments of miscellaneous refinery products. Since corn sirup solids contain up to 3.5 percent moisture, corn sirup solids dry basis are estimated as 61.5 percent of shipments of miscellaneous refinery products as reported. For earlier treatment of this item see Sugar Reports 93, page 6.

<sup>4/</sup> Corn sirup unmixed sales to sugar refiners and beet sugar processors for blending contained in miscellaneous food industries.

NOTE: See Sugar Reports No. 93, January 1960, pages 6-10 for source, methodology and groupings.



Table 21.- Sugar prices

Year and month	Raw cane sugar-spot price		Quota <u>3/</u> premiums and discounts	Refined beet sugar - quoted wholesale (gross) <u>4/</u>		
	Domestic	"World"				
	sugar at N.Y. <u>1/</u>	sugar <u>2/</u>		Eastern	Chicago- West	Pacific Coast
	duty paid					
Cents per pound						
1959-63 Monthly average	6.69	4.10	+1.68	9.10	9.06	9.34
1962 Monthly average	6.45	2.98	+2.58	9.07	8.95	9.07
1963 Monthly average	8.18	8.50	-1.23	10.58	10.34	10.71
<u>1963</u>						
September	7.45	7.63	-1.09	9.40	9.50	9.80
October	9.42	10.67	-2.18	10.35	10.09	10.13
November	9.34	11.63	-3.23	11.74	11.25	11.94
December	8.78	10.36	-2.52	11.61	11.25	12.00
<u>1964</u>						
January	9.29	10.64	-2.28	11.25	11.25	12.00
February	8.02	9.11	-2.02	11.05	11.05	11.21
March	7.33	7.43	-1.03	10.02	10.02	10.63
April	7.43	8.05	-1.54	9.90	9.90	10.44
May	6.65	7.12	-1.39	9.48	9.48	9.97
June	6.45	5.33	+0.20	8.89	8.89	9.33
July	6.25	4.80	+0.53	8.85	8.85	9.30
August	6.18	4.37	+0.89	8.71	8.71	9.16
Last 12-month average	7.72	8.10	-1.31	10.10	10.02	10.49
Year and month	Refined cane sugar - quoted wholesale (gross) <u>4/</u>					Retail U.S. average
	North	South		Chicago-	Pacific	
	East	East	Gulf	West	Coast	
Cents per pound						
1959-63 Monthly average	9.94	9.69	9.65	9.33	9.34	12.02
1962 Monthly average	9.60	9.17	9.03	9.15	9.07	11.70
1963 Monthly average	11.94	11.45	11.30	10.90	10.71	13.58
<u>1963</u>						
September	10.76	10.59	10.10	9.70	9.80	13.46
October	12.34	11.93	11.67	10.93	10.13	13.22
November	13.43	13.03	12.90	12.53	11.94	14.10
December	12.95	12.27	12.07	11.78	12.00	14.48
<u>1964</u>						
January	13.06	12.49	12.38	11.45	12.00	14.68
February	12.62	11.67	11.47	11.25	11.21	14.92
March	11.85	10.76	10.56	10.22	10.63	14.52
April	11.30	10.44	10.27	10.10	10.44	14.02
May	10.78	9.95	9.88	9.68	9.97	13.66
June	10.01	9.35	9.35	9.09	9.33	13.24
July	9.95	9.15	9.17	9.05	9.30	n.a.
August	9.95	8.95	9.00	8.91	9.16	n.a.
Last 12-month average	11.58	10.88	10.74	10.39	10.49	14.03 <u>5/</u>

1/ Spot prices during 1959-60 were for sugar in bags under Contract No. 6 plus .50 cent per pound duty (Cuban). Beginning with 1961, spot prices are for bulk sugar under Contract No. 7, the terms of which are duty paid or duty free.

2/ Spot prices during 1959-60 based on No. 4 Contract which was for bagged sugar f.a.s. Cuba. Beginning with 1961 spot prices are those under No. 8 Contract which is also for bagged sugar but f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ For 1959-60 these amounts are the difference between the spot prices of the No. 6 "Domestic" Contract rolled back to Cuba (minus freight and insurance) and the spot prices of the No. 4 "World" Contract. Beginning with 1961 the No. 7 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢) computed freight from Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .055¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 81, January 1959, pages 5 to 9.

5/ 10 month average, July and August not available.

Table 22.- Wholesale prices of sugar, corn sirup and dextrose

Period	: : Refined : : sugar : : wholesale: : North- : east 1/ :	: : Dextrose : : New York 2/ : : Quoted : : basis 4/ :	: : Corn sirup 3/ : : New York : : Quoted : : basis 4/ :	: : Dextrose : : relative to : : refined sugar : : Dry : : Quoted : : basis :	: : Corn sirup : : relative to : : refined sugar : : Dry : : Quoted : : basis :				
	Cents per pound			Percent					
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
Average 1952-55	8.66	7.29	7.92	7.31	9.10	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
Average 1956-62	9.28	7.49	8.14	7.25	9.03	81	88	78	97
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1963									
August	11.42	8.70	9.46	7.48	9.32	76	83	65	82
September	10.76	8.70	9.46	7.48	9.32	81	88	70	87
October	12.34	8.70	9.46	7.48	9.32	71	77	61	76
November	13.43	8.70	9.46	7.48	9.32	65	70	56	69
December	12.95	8.76	9.52	7.48	9.32	68	74	58	72
1964									
January	13.06	8.95	9.73	7.48	9.32	69	75	57	71
February	12.62	8.95	9.73	7.48	9.32	71	77	59	74
March	11.85	8.95	9.73	7.48	9.32	76	82	63	79
April	11.30	8.95	9.73	7.48	9.32	79	86	66	82
May	10.78	8.95	9.73	7.47	9.30	83	90	69	86
June	10.01	8.95	9.73	7.45	9.28	89	97	74	93
July	9.95	8.95	9.73	7.45	9.28	90	98	75	93
Last 12-month average	11.71	8.85	9.62	7.47	9.31	76	82	64	80

1/ Gross basis price in 100 pound bags subject to a 2 percent cash discount.

2/ Hydrate, in 100 pound bags.

3/ In drums, price in carload lots, except beginning February 1962 for less than carload lots. Quoted as 42 percent unmixed, except beginning March 1956, quoted as 43 percent unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus, dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 23.- Refined sugar production and month-end stocks

Year and month	Production		Month-end stocks <sup>1/</sup>	
	Cane sugar	Beet	Cane sugar	Beet
	refiners	processors	refiners	processors
1,000 short tons, raw value				
1959-63 monthly average	557	203	293	881
1962 monthly average	587	210	267	863
1963 monthly average	573	218	278	874
<u>1963</u>				
September	600	146	270	299
October	641	569	241	595
November	458	590	339	927
December	453	579	350	1,025
<u>1964</u>				
January	491	479	348	1,375
February	389	214	356	1,405
March	476	122	352	1,330
April	554	113	376	1,255
May	550	66	383	1,116
June	607	45	367	890
July <sup>1/</sup>	604	79	339	659
August <sup>2/</sup>	620	115	334	445
Last-12 month average	537	260	338	943

<sup>1/</sup> Includes over-quota and quota exempt sugar.<sup>2/</sup> Preliminary.



Table 24.- Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-1963 crops

Crop year	Louisiana	Florida	Hawaii	Puerto Rico <sup>2/</sup>	Beet area
Number of farms <sup>1/</sup>					
1950	5,028	23	149	15,661	37,328
1951	4,833	24	786	16,525	27,409
1952	4,463	25	738	18,312	23,553
1953	4,010	25	857	19,833	24,846
1954	3,883	25	790	19,519	27,968
1955	3,861	25	861	19,274	24,855
1956	3,703	24	836	18,423	24,475
1957	3,343	24	884	17,605	24,915
1958	2,908	24	597	16,517	25,334
1959	2,686	14	787	15,976	25,259
1960	2,547	13	681	14,973	24,219
1961	2,534	19	705	14,230	24,319
1962	2,413	111	587	13,157	22,856
1963	2,308	111	612	12,317	22,871*
Acreage harvested					
1950	272,842	37,357	109,405	367,093	923,703
1951	257,975	38,933	109,494	366,404	695,535
1952	274,385	42,842	108,089	391,763	660,757
1953	280,242	44,531	108,337	384,638	765,093
1954	247,143	38,624	107,480	367,054	855,499
1955	232,448	34,777	106,180	361,053	743,924
1956	203,286	30,123	106,956	352,897	789,217
1957	226,164	32,639	106,742	361,492	882,461
1958	219,144	34,423	84,136	327,708	895,111
1959	249,830	46,404	110,371	344,596	897,112
1960	255,357	48,941	103,584	327,961	961,993
1961	277,308	56,143	108,320	328,138	1,091,054
1962	253,689	114,289	108,601	308,644	1,101,027
1963	295,492	139,932	107,434	303,041	1,248,000*
Production of cane or beets					
Net weight of cane or beets in short tons					
1950	5,311,857	1,169,327	8,174,821	10,614,633	13,584,890
1951	4,462,854	1,259,526	8,477,201	10,501,394	10,496,942
1952	5,666,917	1,495,338	8,693,920	12,536,940	10,180,909
1953	5,759,310	1,453,056	9,003,967	10,170,796	12,506,684
1954	5,624,800	1,258,440	9,431,781	10,879,643	13,765,783
1955	5,664,412	1,159,908	9,867,978	9,872,969	12,237,776
1956	4,817,145	1,196,904	9,909,990	10,306,431	13,107,250
1957	4,975,915	1,358,145	9,447,647	8,708,681	15,639,802
1958	4,868,725	1,302,898	7,552,750	9,067,336	15,254,426
1959	5,072,611	1,770,828	9,416,225	10,181,755	16,756,507
1960	5,582,687	1,553,606	8,613,317	10,000,728	16,617,844
1961	7,118,497	2,035,893	9,595,342	10,754,016	17,926,984
1962	5,315,415	4,050,199	9,844,000	9,663,265	18,236,098
1963	8,554,103	4,446,459	10,033,969	10,122,518	23,500,000*
Yield of cane or beets per harvested acre					
Short tons					
1950	19.47	31.30	74.72	28.92	14.71
1951	17.30	32.35	77.42	28.66	15.09
1952	20.65	34.90	80.43	32.00	15.41
1963	20.55	32.63	83.11	26.44	16.35
1954	22.76	32.58	87.75	29.64	16.09
1955	24.37	33.35	92.94	27.34	16.45
1956	23.70	39.73	92.65	29.21	16.61
1957	22.00	41.61	88.51	24.09	17.72
1958	22.22	37.85	89.77	27.67	17.04
1959	20.30	38.16	85.31	29.55	18.68
1960	21.86	31.74	83.15	30.49	17.27
1961	25.67	36.26	88.58	32.77	16.43
1962	20.95	35.44	90.64	31.31	16.56
1963	28.95	31.78	93.40	33.40	18.83*

\*Preliminary

Continued

Table 25.-Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-1963 crops - Continued

Crop year	Louisiana	Florida	Hawaii	Puerto Rico <sup>2/</sup>	Beet area
Production of sugar					
Short tons, raw value <sup>3/</sup>					
1950	456,246	108,267	960,961	1,298,645	2,014,874
1951	296,566	122,115	995,759	1,238,323	1,541,026
1952	450,847	154,402	1,020,450	1,372,293	1,518,630
1953	481,094	150,543	1,099,316	1,181,562	1,872,778
1954	478,493	132,336	1,077,347	1,203,969	1,998,714
1955	455,299	118,897	1,140,112	1,166,028	1,730,162
1956	431,625	128,797	1,099,543	1,151,749	1,971,459
1957	397,613	136,339	1,084,646	990,424	2,212,598
1958	442,860	136,269	764,953	934,160	2,213,404
1959	440,604	174,730	974,632	1,087,029	2,301,928
1960	469,856	159,539	935,744	1,019,442	2,474,533
1961	649,514	207,758	1,092,481	1,109,712	2,430,595
1962	471,601	380,372	1,120,011	1,008,943	2,595,347
1963	759,473	424,375	1,100,768	989,235	3,100,000*
Yield of sugar per harvested acre					
Short tons, raw value					
1950	1.67	2.90	8.78	3.54	2.18
1951	1.15	3.14	9.09	3.38	2.22
1952	1.64	3.60	9.44	3.50	2.30
1953	1.72	3.38	10.15	3.07	2.45
1954	1.94	3.43	10.02	3.28	2.34
1955	1.96	3.42	10.74	3.23	2.33
1956	2.12	4.28	10.28	3.26	2.50
1957	1.76	4.18	10.16	2.74	2.51
1958	2.02	3.96	9.09	2.85	2.47
1959	1.76	3.77	8.83	3.15	2.57
1960	1.84	3.26	9.03	3.11	2.57
1961	2.34	3.70	10.09	3.38	2.23
1962	1.86	3.33	10.31	3.27	2.36
1963	2.57	3.03	10.25	3.26	2.48*
Percentage of sugar recovered from cane or beets produced					
1950	8.59	9.26	11.76	12.23	14.83
1951	6.65	9.70	11.75	11.79	14.68
1952	7.96	10.32	11.74	10.95	14.92
1953	8.35	10.36	12.21	11.62	14.97
1954	8.51	10.52	11.42	11.07	14.52
1955	8.04	10.25	11.55	11.81	14.14
1956	8.96	10.76	11.10	11.17	15.04
1957	7.99	10.04	11.48	11.37	14.15
1958	9.10	10.46	10.13	10.30	14.51
1959	8.69	9.87	10.35	10.68	13.74
1960	8.42	10.27	10.86	10.19	14.89
1961	9.12	10.20	11.39	10.32	13.56
1962	8.87	9.39	11.38	10.44	14.23
1963	8.88	9.54	10.97	9.77	13.19*
Number of persons working on farms <sup>4/</sup>					
1950	35,000	2,500	12,000	148,000	137,000
1951	34,000	2,500	10,800	144,000	103,000
1952	32,000	2,800	11,000	153,000	92,000
1953	29,000	2,900	12,200	145,000	102,000
1954	27,000	2,750	12,200	141,000	109,000
1955	27,000	2,750	11,100	127,000	94,000
1956	26,000	2,300	9,900	124,000	97,000
1957	23,000	2,600	9,400	118,000	105,000
1958	21,000	2,600	8,800	113,000	106,000
1959	20,000	3,200	8,300	97,000	100,000
1960	20,000	3,500	8,000	95,000	92,000
1961	21,000	4,400	7,700	97,000	103,000
1962	20,000	6,500	7,300	94,000	103,000
1963	22,000	7,500	7,100	95,000	104,000

\* Preliminary

Continued

Table 26.- Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-63 crops - Continued

Crop year	Louisiana	Florida	Hawaii	Puerto Rico <sup>2/</sup>	Beet area
Man-hours per acre <sup>5/</sup>					
1950	128.82	123.13	227.05	384.94	78.48
1951	116.96	106.89	219.80	369.30	74.15
1952	107.45	93.74	217.12	390.46	75.90
1953	101.69	79.36	237.71	354.77	77.91
1954	108.37	83.90	211.02	325.84	79.09
1955	110.15	84.82	187.09	307.76	74.09
1956	103.50	95.70	177.84	293.20	70.00
1957	93.67	91.37	167.23	255.75	69.28
1958	95.99	86.57	163.80	275.77	60.76
1959	89.51	81.32	149.23	279.15	55.00
1960	76.47	75.76	150.98	268.46	52.94
1961	74.13	88.13	138.84	271.41	46.38
1962	71.87	83.35	141.87	252.71	48.10
1963	80.85	68.17	138.99	261.52	48.36
Man-hours per ton of cane or beets <sup>5/</sup>					
1950	6.62	3.93	3.04	13.30	5.34
1951	6.76	3.30	2.84	12.88	4.90
1952	5.21	2.69	2.70	12.21	4.92
1953	4.94	2.43	2.86	13.42	4.76
1954	4.75	2.57	2.41	10.99	4.91
1955	4.52	2.54	2.01	11.25	4.50
1956	4.37	2.41	1.92	10.05	4.21
1957	4.25	2.19	1.89	10.62	3.90
1958	4.32	2.29	1.82	9.97	3.57
1959	4.42	2.13	1.75	9.46	2.94
1960	3.50	2.39	1.82	8.80	3.07
1961	2.89	2.43	1.57	8.29	2.82
1962	3.43	2.35	1.57	8.07	2.90
1963	2.79	2.15	1.49	7.84	2.57
Man-hours per ton of sugar (raw value) <sup>5/</sup>					
1950	77.14	42.46	25.86	108.74	36.00
1951	101.70	34.04	24.18	109.26	33.40
1952	65.52	26.04	23.00	111.56	33.00
1953	59.12	23.48	23.42	115.56	31.80
1954	55.86	24.46	21.06	99.34	33.80
1955	56.20	24.80	17.42	95.28	31.80
1956	48.82	22.36	17.30	89.92	28.00
1957	53.22	21.86	16.46	93.34	27.60
1958	47.52	21.86	18.02	96.76	24.60
1959	50.86	21.57	16.90	88.62	21.40
1960	41.56	23.24	16.72	86.32	20.60
1961	31.68	23.82	13.76	80.30	20.80
1962	38.64	25.03	13.76	77.28	20.38
1963	31.46	22.50	13.56	80.22	19.50

Continued



Table 27.-Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1950-1963 crops - Continued

Crop year	Louisiana	Florida	Hawaii	Fringe	Puerto Rico <sup>2/</sup>	Beet area
			Earnings	benefits		
Weighted average earnings per hour of field workers <sup>6/</sup>						
Dollars per hour						
1950	0.444	0.667	1.089	0.195	0.348	0.888
1951	0.454	0.714	1.127	0.235	0.370	0.938
1952	0.493	0.842	1.204	0.251	0.393	0.939
1953	0.523	0.888	1.303	0.269	0.416	0.938
1954	0.550	0.880	1.372	0.339	0.439	0.940
1955	0.564	0.885	1.448	0.405	0.437	0.943
1956	0.629	0.914	1.469	0.448	0.454	0.979
1957	0.667	0.952	1.538	0.482	0.494	1.036
1958	0.692	0.984	1.597	0.571	0.504	1.065
1959	0.710	0.991	1.753	0.521	0.497	1.094
1960	0.765	1.051	1.794	0.557	0.524	1.117
1961	0.786	1.105	1.939	0.605	0.552	1.132
1962	0.826	1.131	2.003	0.734	0.574	1.160
1963*	1.121	1.300	2.100	0.750	0.698	1.220

Note: The foregoing data are revised from time to time as later information becomes available. Production data for all years are based upon statistics regularly compiled by the Policy and Program Appraisal Division from industry sources. Data regarding man-hours and earnings per hour of field workers were taken from the best available sources and are believed to be reliable in a degree that permits a generalized comparison among areas. Estimates of the peak number of persons working on farms are difficult to ascertain and both primary and secondary source material have been used. Man-hour data reflect the most recent information available and have been stated on a raw value equivalent basis for all areas to achieve uniformity. Data for the 1946 through 1949 crops are included in Sugar Reports 113, September 1961, Table 26.

<sup>1/</sup> Data for Hawaii include plantation farms and independent grower farms from which sugarcane was harvested in each year shown. In addition, sugarcane was cultivated during each year shown, for harvest in a subsequent year, on the following estimated number of farms: 1950-53 not available; 1954-445; 1955-421; 1956-421; 1957-314; 1958-556; 1959-326; 1960-356; 1961-254; 1962-258; 1963-211.

<sup>2/</sup> Data are for the 1949-50 crop through the 1962-63 crop.

<sup>3/</sup> Sugar produced from beets is refined sugar but for purposes of comparability production is shown as the raw value equivalent.

<sup>4/</sup> Estimated peak number of persons working on farms during crop, including working farm operators and unpaid family workers.

<sup>5/</sup> Data include all labor utilized in the production of sugarcane or sugar beets (including supervision) other than administrative and employee services.

<sup>6/</sup> Based on average hourly cash earnings of workers employed on time or piece work rate basis. In addition, workers receive non-cash benefits valued at 2 to 19 cents per hour except in Hawaii. Fringe benefits to workers in Hawaii are listed above.

\* Preliminary

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